

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 11-165200

(43)Date of publication of application : 22.06.1999

(51)Int.Cl.

C02F 11/12

(21)Application number : 09-336119

(71)Applicant : MITSUBISHI RAYON CO LTD
MITSUBISHI RAYON ENG CO
LTD
NITTO CHEM IND CO LTD
DIAFLOC KK

(22)Date of filing : 05.12.1997

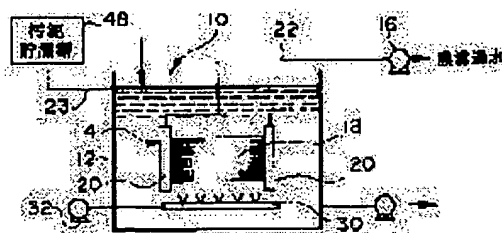
(72)Inventor : TANAKAMARU NAOYA
FUJII WATARU
KUWABARA KAZUO

(54) METHOD FOR TREATING SLUDGE

(57)Abstract:

PROBLEM TO BE SOLVED: To reduce the generation of bad smell or the deterioration of sludge in a sludge storage tank and reduce the amount of the sludge by sufficiently utilizing the functions of a gravity sludge concentration tank.

SOLUTION: Sludge generated when organic wastewater is biologically treated is stored in a sludge storage tank 48, and the sludge is supplied from the tank 48 to a membrane separation tank 12 of an immersion type membrane separation device 10 including a separation membrane module 14 to further separate the water contained in the sludge by means of the module 14 to concentrate it, while aeration is effected by an aeration device 30, and the concentrated sludge is returned to the tank 48. Thus the sludge is circulated between the tank 48 and the tank 12 to concentrate the sludge.



LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office

MENU	SEARCH	INDEX	DETAIL	JAPANESE
----------------------	------------------------	-----------------------	------------------------	--------------------------

1 / 1

THIS PAGE BLANK (USPTO)